# Freeform Search

|  |   | US Pre-Grant Publication Full-Text Database US Patents Full-Text Database   |                            |                                   |
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|  | ·   | US OCR Full-Text Database   |                            |                                   |
| D  | atabase:  |   |                            |                                   |
|  |   | JPO Abstracts Database Derwent World Patents Index  |                            |                                   |
|  |   | IBM Technical Disclosure Bulletins  |                            |                                   |
|  |   | L6 same inhalation  |                            |                                   |
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|  |   | Search History  |                            |                                   |
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| DATE:  | Saturd  | ay, February 10, 2007 Purge Queries Printable Copy Create   | Case                       |                                   |
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| <u>Set</u>                                   | Saturd Query  |   | <u>Hit</u>                 | Name                              |
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| Set Name side by side DB=                    | <b>Query</b>  | ay, February 10, 2007 Purge Queries Printable Copy Create  SPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR inhalation  | <u>Hit</u><br><u>Count</u> | Name<br>result<br>set             |
| Set Name side by side  DB=                   | Query  PGPB, Use L6 same L5 same  | ay, February 10, 2007 Purge Queries Printable Copy Create  SPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR inhalation  (analges\$3 or (pain near8 treat\$5))   | Hit<br>Count               | Name<br>result<br>set             |
| Set Name side by side DB=                    | Query  PGPB, U.  L6 same  L5 same  (loxapin  methyl-1                                     | ay, February 10, 2007 Purge Queries Printable Copy Create  SPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR inhalation  (analges\$3 or (pain near8 treat\$5))  e or cloxazepine or loxapinsuccinate or loxitane or "2-chloro-11-(4-l-piperazinyl)-dibenz(b,f)(1,4)oxazepine" or "2-chloro-11-(4-methyl-   | Hit<br>Count               | Name<br>result<br>set             |
| Set Name side by side DB= L7 L6              | Query  PGPB, Use L6 same L5 same (loxapina methyl-1 1-pipera                              | SPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR inhalation (analges\$3 or (pain near8 treat\$5)) e or cloxazepine or loxapinsuccinate or loxitane or "2-chloro-11-(4-piperazinyl)-dibenz(b,f)(1,4)oxazepine" or "2-chloro-11-(4-methylzinyl)-dibenz(b,f)(1,4)oxazepine" or Loxapac)  | Hit<br>Count               | Name<br>result<br>set<br>L7<br>L6 |
| Set Name side by side DB= L7 L6              | Query  PGPB, Use L6 same L5 same (loxapine methyl-1 1-pipera                              | ay, February 10, 2007 Purge Queries Printable Copy Create  SPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR  inhalation  (analges\$3 or (pain near8 treat\$5))  e or cloxazepine or loxapinsuccinate or loxitane or "2-chloro-11-(4-l-piperazinyl)-dibenz(b,f)(1,4)oxazepine" or "2-chloro-11-(4-methyl-zinyl)-dibenz(b,f)(1,4)oxazepine" or Loxapac)  SPT; PLUR=YES; OP=OR                                     | Hit Count  11 105          | Name<br>result<br>set<br>L7<br>L6 |
| Set Name side by side DB= L7 L6              | Query  PGPB, Ut  L6 same  L5 same  (loxapin  methyl-1  1-pipera  PGPB, Ut  (Joshua        | Asy, February 10, 2007 Purge Queries Printable Copy Create  SPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR  inhalation  (analges\$3 or (pain near8 treat\$5))  e or cloxazepine or loxapinsuccinate or loxitane or "2-chloro-11-(4-l-piperazinyl)-dibenz(b,f)(1,4)oxazepine" or "2-chloro-11-(4-methyl-zinyl)-dibenz(b,f)(1,4)oxazepine" or Loxapac)  SPT; PLUR=YES; OP=OR  near Rabinowitz) AND @pd>20061203 | Hit<br>Count               | Name result set  L7 L6 L5         |
| Set Name side by side DB= L7 L6 L5           | Query  PGPB, Ut  L6 same  L5 same  (loxapin  methyl-1  1-pipera  PGPB, Ut  (Joshua        | ay, February 10, 2007 Purge Queries Printable Copy Create  SPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR  inhalation  (analges\$3 or (pain near8 treat\$5))  e or cloxazepine or loxapinsuccinate or loxitane or "2-chloro-11-(4-l-piperazinyl)-dibenz(b,f)(1,4)oxazepine" or "2-chloro-11-(4-methyl-zinyl)-dibenz(b,f)(1,4)oxazepine" or Loxapac)  SPT; PLUR=YES; OP=OR                                     | Hit Count  11 105          | Name result set  L7 L6            |
| Set Name side by side  DB= L7 L6  L5  DB= L4 | Query  PGPB, Use L6 same L5 same (loxapin methyl-l l-piperal PGPB, Use (Joshua) (Patrik n | Asy, February 10, 2007 Purge Queries Printable Copy Create  SPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR  inhalation  (analges\$3 or (pain near8 treat\$5))  e or cloxazepine or loxapinsuccinate or loxitane or "2-chloro-11-(4-l-piperazinyl)-dibenz(b,f)(1,4)oxazepine" or "2-chloro-11-(4-methyl-zinyl)-dibenz(b,f)(1,4)oxazepine" or Loxapac)  SPT; PLUR=YES; OP=OR  near Rabinowitz) AND @pd>20061203 | Hit Count  11 105 1238     | Name result set  L7 L6 L5         |

END OF SEARCH HISTORY

# **PALM INTRANET**

Day : Saturday Date: 2/10/2007

Time: 18:59:36

## **Inventor Name Search**

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Enter the **first few letters** of the Inventor's Last Name. Additionally, enter the **first few letters** of the Inventor's First name.

| Last Name              | First Name                    |        |
|------------------------|-------------------------------|--------|
| Hale                   | Ron                           | Search |
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Enter the **first few letters** of the Inventor's Last Name. Additionally, enter the **first few letters** of the Inventor's First name.

| Last Name | First Name |        |
|-----------|------------|--------|
| Munzar    | Patrik     | Search |

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## **Inventor Name Search**

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| Last Name | First Name |        |
|-----------|------------|--------|
| Hale      | Ron        | Search |

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FILE 'REGISTRY' ENTERED AT 19:58:22 ON 10 FEB 2007 L1 9 S LOXAPINE FILE 'CAPLUS, MEDLINE, USPATFULL' ENTERED AT 19:58:54 ON 10 FEB 2007 L2832 S L1 832 S L2 OR LOXITANE OF LOXAPAC L392 S L3 (P) (ADMINIST? OR TREAT?) L4 3 S L4 (P) (ANALGES? OR PAIN) L5 L6 3 DUPLICATE REMOVE L5 (0 DUPLICATES REMOVED) L7 1 S L4 (P) (INHAL? OR RESPIR?) FILE 'STNGUIDE' ENTERED AT 20:03:26 ON 10 FEB 2007 FILE 'CAPLUS, MEDLINE, USPATFULL' ENTERED AT 20:04:55 ON 10 FEB 2007 L8 9 S L4 AND (INHAL? OR RESPIR?) L9 8 S L8 NOT L7 8 DUPLICATE REMOVE L9 (0 DUPLICATES REMOVED) L10

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L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
TI A method of improving the medical treatment of pain
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AB Methods for improving pain management in a mammal, the methods comprising administering a combination of a strontium-containing compound and a second therapeutically and/or prophylactically active substance selected from the group consisting of analgesic agents, anti-inflammatory agents and palliative agents to the mammal. Pharmaceutical compns. for use in such methods, comprising a strontium-containing compound and a second

therapeutically

and/or prophylactically active substance selected from the group consisting of analysesic agents, anti-inflammatory agents and palliative agents. For example, a tablet containing naproxen 250, strontium malonate 210, lactose 100, corn starch 30, and magnesium stearate 10 mg was formulated.

ACCESSION NUMBER:

2005:1354712 CAPLUS

DOCUMENT NUMBER:

144:94350

TITLE:

A method of improving the medical treatment of pain Christgau, Stephan; Hansen, Christian; Nilsson, Henrik

PATENT ASSIGNEE(S):

Osteologix A/S, Den.

SOURCE:

PCT Int. Appl., 34 pp. CODEN: PIXXD2

DOCUMENT TYPE:

INVENTOR(S):

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

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PATENT NO.
                        KIND DATE
                                         APPLICATION NO.
                                                                  DATE
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                               _____
    WO 2005123192
                        A2
                               20051229
                                          WO 2005-DK401
                                                                  20050617
    WO 2005123192
                        A3
                               20061228
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                               20051229
                                           AU 2005-254154
                                                                  20050617
    AU 2005254154
                        A1
                               20060608
                                           US 2005-269289
                                                                  20051107
    US 2006122274
                         A1
                               20060831
                                           WO 2005-DK710
                                                                  20051107
    WO 2006089546
                        A1
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PRIORITY APPLN. INFO.:
                                           DK 2004-947
                                                               A 20040617
                                           DK 2003-691
                                                               A 20030507
                                           DK 2003-932
                                                               A 20030620
                                           DK 2003-1820
                                                               A 20031209
                                           US 2003-528442P
                                                              P 20031209
                                           WO 2004-DK328
                                                               A2 20040506
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WO 2005-DK140 A2 20050228
WO 2005-DK401 W 20050617
WO 2005-DK404 A2 20050617
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L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

TI Method for treating pain with loxapine and amoxapine

AB Loxapine, amoxapine, or salts or prodrugs of either, are effective in alleviating pain, particularly headache pain such as migraine, cluster headaches and tension headaches. Preferably the loxapine or amoxapine is administered systemically, most preferably by inhalation.

ACCESSION NUMBER: 2004:433766 CAPLUS

DOCUMENT NUMBER: 140:400101

TITLE: Method for treating pain with loxapine and amoxapine INVENTOR(S): Hale, Ron L.; Munzar, Patrik; Rabinowitz, Joshua D.

PATENT ASSIGNEE(S): Alexza Molecular Delivery Corporation, USA

SOURCE: U.S. Pat. Appl. Publ., 14 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PA      | TENT | NO.  |     |     | KINI         | D : | DATE |      | i   | APPL | ICAT  | ION I | NO . |     | D   | ATE  |     |    |
|---------|------|------|-----|-----|--------------|-----|------|------|-----|------|-------|-------|------|-----|-----|------|-----|----|
| US      | 2004 | 1024 | 34  |     | A1           | -   | 2004 | 0527 | 1   | ປS 2 | 003-  | 7195  | 40   |     | 2   | 0031 | 120 |    |
| CA      | 2507 | 159  |     |     | A1           |     | 2004 | 0610 | (   | CA 2 | 003-  | 2507  | 159  |     | 2   | 0031 | 120 |    |
| WO      | 2004 | 0478 | 44  |     | A1           |     | 2004 | 0610 | 1   | WO 2 | 003-1 | US37  | 415  |     | 2   | 0031 | 120 |    |
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|         |      | LK,  | LR, | LS, | LT,          | LU, | LV,  | ΜA,  | MD, | MG,  | MK,   | MN,   | MW,  | MX, | ΜZ, | NI,  | NO, |    |
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|         |      | TM,  | TN, | TR, | TT,          | TZ, | UA,  | ŪĠ,  | UZ, | VC,  | VN,   | YU,   | ZA,  | ZM, | zw  |      |     |    |
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| AU      | 2003 | 2944 | 70  |     | A1           |     | 2004 | 0618 |     | AU 2 | 003-  | 2944  | 70 Ì |     | 2   | 0031 | 120 |    |
| EP      | 1567 | 164  |     |     | A1           |     | 2005 | 0831 |     | EP 2 | 003-  | 7899  | 55   |     | 2   | 0031 | 120 |    |
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| CN      | 1717 | 237  |     |     | A            |     | 2006 | 0104 |     | CN 2 | 003-  | 8010  | 4151 |     | 2   | 0031 | 120 |    |
| JP      | 2006 | 5149 | 34  |     | $\mathbf{T}$ |     | 2006 | 0518 |     | JP 2 | 004-  | 5556  | 17   |     | 2   | 0031 | 120 |    |
| PRIORIT |      |      |     |     |              |     |      |      |     |      |       | 4294  |      |     |     |      |     |    |
|         |      |      |     |     |              |     |      |      | 1   | WO 2 | 003-  | US37  | 415  | Ţ   | W 2 | 0031 | 120 |    |

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

TI Tricyclic  $\delta$  opioid agonist analgesics for the treatment of pain with lowered risk of induction of seizure

AB The invention provides methods and pharmaceutical compns. for the treatment of pain, preferably with lowered risk of induction of seizure in a patient. The compns. contain active compds. that are tricyclic δ opioid receptor agonists I [A, B are (un)substituted C5-7 aromatic rings; X = N, O, S, P; Y = N, P; m= 0, 1; a = 0-2; m + a = 0-2; n = 0, 1; b = 0-3; n + b = 1-3; m + a + n + b = 1-3; one C[b] or one Y[n] has a pendant (un)substituted piperidine or piperazine ring].

ACCESSION NUMBER: 2002:594817 CAPLUS

DOCUMENT NUMBER: 137:135105

TITLE: Tricyclic  $\delta$  opioid agonist analgesics for the

treatment of pain with lowered risk of induction of

seizure

INVENTOR(S): Dehaven, Robert; Gauntner, Erin; Little, Patrick;

Zhang, Wei Y.

PATENT ASSIGNEE(S): Adolor Corporation, USA

SOURCE:

PCT Int. Appl., 35 pp. CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1

| דואיםידעם | INFORMATION: |
|-----------|--------------|
| PAIDNI    | INFORMATION: |

| PAT      | ENT I | NO.        |      |     | KIN       | )   | DATE |      | 1   | APPL | ICAT: | ION I | NO. |     | · D | ATE         |     |
|----------|-------|------------|------|-----|-----------|-----|------|------|-----|------|-------|-------|-----|-----|-----|-------------|-----|
|          |       | <b>-</b> - |      |     |           | -   |      |      |     |      |       |       |     |     | -   | - <b></b> - |     |
| WO       | 2002  | 0608       | 70   |     | A2        |     | 2002 | 8080 | 1   | WO 2 | 001-1 | US51  | 320 |     | 2   | 0011        | 116 |
| WO       | 2002  | 0608       | 70   |     | <b>A3</b> |     | 2003 | 0103 |     |      |       |       |     |     |     |             |     |
|          | W:    | ΑE,        | AG,  | AL, | AM,       | AT, | AU,  | ΑZ,  | BA, | BB,  | BG,   | BR,   | BY, | ΒZ, | CA, | CH,         | CN, |
|          |       | CO,        | CR,  | CU, | CZ,       | DE, | DK,  | DM,  | DZ, | EC,  | EE,   | ĖS,   | FI, | GB, | GD, | GE,         | GH, |
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|          |       | LS,        | LT,  | LU, | LV,       | MA, | MD,  | MG,  | MK, | MN,  | MW,   | MX,   | MZ, | NO, | NZ, | OM,         | PH, |
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|          |       | UG,        | UZ,  | VN, | YU,       | ZA, | ZM,  | ZW   |     |      |       |       |     |     |     |             |     |
|          | RW:   | GH,        | GM,  | KΕ, | LS,       | MW, | MZ,  | SD,  | SL, | SZ,  | TZ,   | UG,   | ZM, | ZW, | ΑT, | BE,         | CH, |
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|          |       | BF,        | ВJ,  | CF, | CG,       | CI, | CM,  | GΑ,  | GN, | GQ,  | GW,   | ML,   | MR, | NE, | SN, | TD,         | TG  |
| UΑ       | 2002  | 24988      | 35   |     | A1        |     | 2002 | 0812 | 7   | AU 2 | 002-  | 2498  | 85  |     | 2   | 0011        | 116 |
| US       | 2002  | 1560       | 52   |     | A1        |     | 2002 | 1024 | 1   | US 2 | 001-  | 5995  | 3   |     | 2   | 0011        | 116 |
| US       | 66304 | 462        |      |     | B2        |     | 2003 | 1007 |     |      |       |       |     |     |     |             |     |
| PRIORITY | APP   | LN. :      | INFO | .:  |           |     |      |      | 1   | US 2 | 000-  | 2495  | 83P | :   | P 2 | 0001        | 117 |
|          |       |            |      |     |           |     |      |      | Ī   | WO 2 | 001-1 | US51  | 320 | ١   | ₩ 2 | 0011        | 116 |
|          |       |            |      |     |           |     |      |      |     |      |       |       |     |     |     |             |     |

OTHER SOURCE(S):

MARPAT 137:135105

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

TI Toxicity tests of 2-chloro-11-(4-methyl-1-piperazinyl)dibenzo[b,f][1,4]oxa zepine (S-805). 1. Acute, subacute, and chronic toxicity

AB The acute, subacute, and chronic toxicities of 2-chloro-ll-(4-methyl-1-piperazinyl)-dibenzo[b,f][1,4]oxazepine (I) [1977-10-2] were studied in both sexes of mice and rats. The LD50 values by 4 different routes of administration ranged 34-37 mg/kg, for mice and rats; the acute toxicity was associated with sedation, ataxia, catalepsy, ptosis, and respiratory depression. The continuous oral administration of I caused hypoactivity, catalepsy, and growth

retardation.

ACCESSION NUMBER: 1972:81145 CAPLUS

DOCUMENT NUMBER:

76:81145

TITLE:

Toxicity tests of 2-chloro-11-(4-methyl-1-

piperazinyl)dibenzo[b,f][1,4]oxazepine (S-805). 1.

Acute, subacute, and chronic toxicity

AUTHOR (S):

Mineshita, Tetsuo; Muraoka, Yoshihiro; Yahara, Isao; Inuta, Tadayoshi; Ishikawa, Michio; Kawaguchi, Junko;

Okada, Teruko

CORPORATE SOURCE:

Aburahi Lab., Shionogi and Co., Ltd., Koga, Japan

SOURCE:

Oyo Yakuri (1970), 4(2), 293-303

CODEN: OYYAA2; ISSN: 0300-8533

DOCUMENT TYPE:

Journal Japanese

LANGUAGE:

L10 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

TI Acute treatment of headache with phenothiazine antipsychotics

AB Methods of treating headache with antipsychotics are provided. A kit for treating headache is also provided, comprising an antipsychotic and a device for rapid delivery of the antipsychotic.

ACCESSION NUMBER:

2006:891334 CAPLUS

DOCUMENT NUMBER:

145:241767

TITLE:

Acute treatment of headache with phenothiazine

antipsychotics

INVENTOR(S):

Hale, Ron L.; Lloyd, Peter M.; Lu, Amy T.; Munzar, Patrik; Rabinowitz, Joshua D.; Skowronski, Roman

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PATENT ASSIGNEE(S):

USA

SOURCE:

U.S. Pat. Appl. Publ., 37pp., Cont.-in-part of U.S.

Ser. No. 719,763.

CODEN: USXXCO

DOCUMENT TYPE:

Patent

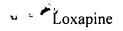
LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

| PATENT NO.             | KIND   | DATE        | APPLICATION NO.     | DATE           |    |
|------------------------|--------|-------------|---------------------|----------------|----|
|                        |        |             |                     | <del>-</del>   |    |
| US 2006193788          | A1     | 20060831    | US 2006-346548      | 20060202       | :  |
| US 2004101481          | A1     | 20040527    | US 2003-719763      | 20031120       | i  |
| CA 2507158             | Al.    | 20040610    | CA 2003-2507158     | 20031120       | i  |
| AU 2003295823          | A1     | 20040618    | AU 2003-295823      | 20031120       | i  |
| EP 1565184             | A1     | 20050824    | EP 2003-787033      | 20031120       | i  |
| R: AT, BE, CH,         | DE, DK | , ES, FR, ( | GB, GR, IT, LI, LU, | NL, SE, MC, PT | ٠, |
| IE, SI, LT,            | LV, FI | , RO, MK,   | CY, AL, TR, BG, CZ, | EE, HU, SK     |    |
| JP 2006514633          | T      | 20060511    | JP 2004-555621      | 20031120       | ŧ  |
| PRIORITY APPLN. INFO.: |        |             | US 2002-429404P     | P 20021126     | i  |
|                        |        |             | US 2003-719763      | A2 20031120    | 1  |
|                        |        |             | US 2005-649637P     | P 20050202     | ;  |
|                        |        |             | WO 2003-US37426     | W 20031120     | ,  |



# National Library of Medicine - Medical Subject Headings

#### **2007 MeSH**

### **MeSH Descriptor Data**

#### Return to Entry Page

| NA CYY YY               | [r ·  |
|-------------------------|---|
|                         | Loxapine  |
| Tree Number             | D03.494.347.500   |
| Scope Note              | An antipsychotic agent used in schizophrenia.                                       |
| Entry Term              | Loxapinsuccinate  |
| Entry Term              | Oxilapine   |
| Entry Term              | 2-Chloro-11-(4-methyl-1-piperazinyl)-dibenz(b,f)(1,4)oxazepine                      |
| Entry Term              | CL-71,563   |
| Entry Term              | Cloxazepine   |
| Entry Term              | Loxapine Monohydrochloride  |
| Entry Term              | Loxipine Maleate  |
| Entry Term              | Loxipine Succinate  |
| Entry Term              | Loxitane  |
| Allowable<br>Qualifiers | AA AD AE AG AI AN BL CF CH CL CS CT DU EC HI IM IP ME PD PK PO<br>RE SD ST TO TU UR |
| Pharm. Action           | Antipsychotic Agents  |
| Pharm. Action           | Dopamine Antagonists  |
| CAS Type 1<br>Name      | Dibenz(b,f)(1,4)oxazepine, 2-chloro-11-(4-methyl-1-piperazinyl)-                    |
| Registry Number         | 1977-10-2   |
| Related Number          | 20287-66-5 (maleate)  |
| Related Number          | 27833-64-3 (succinate)  |
| Related Number          | 54810-23-0 (mono-HCl)   |
| Previous<br>Indexing    | Dibenzoxazepines (1971-1974)  |
| Previous<br>Indexing    | <u>Piperazines</u> (1971-1974)  |
| History Note            | 91(75); was see under DIBENZOXAZEPINES 1975-90                                      |
| Unique ID               | D008152   |

#### **MeSH Tree Structures**

Heterocyclic Compounds [D03]

Heterocyclic Compounds, 3-Ring [D03.494]

Dibenzoxazepines [D03.494.347]

<u>Dibenz(b,f)(1,4)oxazepine-10(11H)-carboxylic acid, 8-chloro-, 2-acetylhydrazide [D03.494.347.200]</u>

► Loxapine [D03.494.347.500]

Amoxapine [D03.494.347.500.040]

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Link to NLM Cataloging Classification